

## Appendix D.4: Maximum conducted output power

### Test Result Channel Power

| Test Mode  | Antenna | Freq(MHz) | Channel Power [dBm] | Duty Cycle [%] | DC Factor [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|------------|---------|-----------|---------------------|----------------|-----------------|--------------|-------------|---------|
| 11A        | Ant1    | 5180      | 12.60               | 41.18          | 3.85            | 16.45        | ≤23.98      | PASS    |
|            |         | 5200      | 12.88               | 37.50          | 4.26            | 17.14        | ≤23.98      | PASS    |
|            |         | 5240      | 12.72               | 41.18          | 3.85            | 16.57        | ≤23.98      | PASS    |
| 11N20SISO  | Ant1    | 5180      | 13.01               | 41.18          | 3.85            | 16.86        | ≤23.98      | PASS    |
|            |         | 5200      | 13.14               | 44.44          | 3.52            | 16.66        | ≤23.98      | PASS    |
|            |         | 5240      | 13.03               | 44.44          | 3.52            | 16.55        | ≤23.98      | PASS    |
| 11N40SISO  | Ant1    | 5190      | 11.19               | 37.50          | 4.26            | 15.45        | ≤23.98      | PASS    |
|            |         | 5230      | 11.52               | 40.00          | 3.98            | 15.50        | ≤23.98      | PASS    |
| 11AC20SISO | Ant1    | 5180      | 13.10               | 50.00          | 3.01            | 16.11        | ≤23.98      | PASS    |
|            |         | 5200      | 13.05               | 50.00          | 3.01            | 16.06        | ≤23.98      | PASS    |
|            |         | 5240      | 13.00               | 50.00          | 3.01            | 16.01        | ≤23.98      | PASS    |
| 11AC40SISO | Ant1    | 5190      | 12.20               | 43.75          | 3.59            | 15.79        | ≤23.98      | PASS    |
|            |         | 5230      | 12.14               | 43.75          | 3.59            | 15.73        | ≤23.98      | PASS    |
| 11AC80SISO | Ant1    | 5210      | 10.85               | 40.00          | 3.98            | 14.83        | ≤23.98      | PASS    |
| 11AX20SISO | Ant1    | 5180      | 12.89               | 50.00          | 3.01            | 15.90        | ≤23.98      | PASS    |
|            |         | 5200      | 12.92               | 50.00          | 3.01            | 15.93        | ≤23.98      | PASS    |
|            |         | 5240      | 12.85               | 50.00          | 3.01            | 15.86        | ≤23.98      | PASS    |
| 11AX40SISO | Ant1    | 5190      | 12.42               | 50.00          | 3.01            | 15.43        | ≤23.98      | PASS    |
|            |         | 5230      | 12.37               | 47.06          | 3.27            | 15.64        | ≤23.98      | PASS    |
| 11AX80SISO | Ant1    | 5210      | 11.36               | 43.75          | 3.59            | 14.95        | ≤23.98      | PASS    |

## Appendix D.5: Maximum power spectral density

### Test Result

| TestMode   | Antenna | Freq(MHz) | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|------------|---------|-----------|------------------|----------------|---------|
| 11A        | Ant1    | 5180      | 5.71             | ≤11.00         | PASS    |
|            |         | 5200      | 6.27             | ≤11.00         | PASS    |
|            |         | 5240      | 5.81             | ≤11.00         | PASS    |
| 11N20SISO  | Ant1    | 5180      | 5.88             | ≤11.00         | PASS    |
|            |         | 5200      | 5.65             | ≤11.00         | PASS    |
|            |         | 5240      | 5.58             | ≤11.00         | PASS    |
| 11N40SISO  | Ant1    | 5190      | 3.40             | ≤11.00         | PASS    |
|            |         | 5230      | 2.04             | ≤11.00         | PASS    |
| 11AC20SISO | Ant1    | 5180      | 5.11             | ≤11.00         | PASS    |
|            |         | 5200      | 5.20             | ≤11.00         | PASS    |
|            |         | 5240      | 5.21             | ≤11.00         | PASS    |
| 11AC40SISO | Ant1    | 5190      | 2.38             | ≤11.00         | PASS    |
|            |         | 5230      | 2.33             | ≤11.00         | PASS    |
| 11AC80SISO | Ant1    | 5210      | -2.07            | ≤11.00         | PASS    |
| 11AX20SISO | Ant1    | 5180      | 4.93             | ≤11.00         | PASS    |
|            |         | 5200      | 4.93             | ≤11.00         | PASS    |
|            |         | 5240      | 4.97             | ≤11.00         | PASS    |
| 11AX40SISO | Ant1    | 5190      | 1.68             | ≤11.00         | PASS    |
|            |         | 5230      | 1.92             | ≤11.00         | PASS    |
| 11AX80SISO | Ant1    | 5210      | -1.94            | ≤11.00         | PASS    |

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

## Test Graphs

11A\_Ant1\_5180



11A\_Ant1\_5200



11A\_Ant1\_5240



11N20SISO\_Ant1\_5180



11N20SISO\_Ant1\_5200



11N20SISO\_Ant1\_5240



11N40SISO\_Ant1\_5190



11N40SISO\_Ant1\_5230



11AC20SISO\_Ant1\_5180



11AC20SISO\_Ant1\_5200





11AC20SISO\_Ant1\_5240



11AC40SISO\_Ant1\_5190



11AC40SISO\_Ant1\_5230



11AC80SISO\_Ant1\_5210



11AX20SISO\_Ant1\_5180





## 11AX20SISO\_Ant1\_5200



## 11AX20SISO\_Ant1\_5240



## 11AX40SISO\_Ant1\_5190



11AX40SISO\_Ant1\_5230



11AX80SISO\_Ant1\_5210



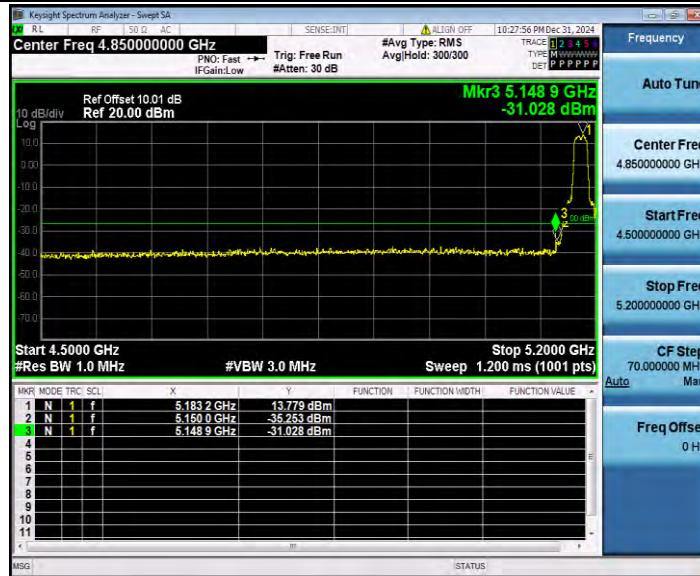
## Appendix D.6: Band edge measurements

### Test Result B1

| TestMode   | Antenna | ChName | Freq(MHz) | Result[dBm] | Limit[dBm] | Verdict |
|------------|---------|--------|-----------|-------------|------------|---------|
| 11A        | Ant1    | Low    | 5180      | -31.03      | $\leq -27$ | PASS    |
|            |         | High   | 5240      | -37.32      | $\leq -27$ | PASS    |
| 11N20SISO  | Ant1    | Low    | 5180      | -34.11      | $\leq -27$ | PASS    |
|            |         | High   | 5240      | -37.34      | $\leq -27$ | PASS    |
| 11N40SISO  | Ant1    | Low    | 5190      | -36.62      | $\leq -27$ | PASS    |
|            |         | High   | 5230      | -37.76      | $\leq -27$ | PASS    |
| 11AC20SISO | Ant1    | Low    | 5180      | -34.91      | $\leq -27$ | PASS    |
|            |         | High   | 5240      | -37.39      | $\leq -27$ | PASS    |
| 11AC40SISO | Ant1    | Low    | 5190      | -28.04      | $\leq -27$ | PASS    |
|            |         | High   | 5230      | -37.24      | $\leq -27$ | PASS    |
| 11AC80SISO | Ant1    | Low    | 5210      | -35.71      | $\leq -27$ | PASS    |
|            |         | High   | 5210      | -37.77      | $\leq -27$ | PASS    |
| 11AX20SISO | Ant1    | Low    | 5180      | -36.63      | $\leq -27$ | PASS    |
|            |         | High   | 5240      | -37.85      | $\leq -27$ | PASS    |
| 11AX40SISO | Ant1    | Low    | 5190      | -28.41      | $\leq -27$ | PASS    |
|            |         | High   | 5230      | -37.4       | $\leq -27$ | PASS    |
| 11AX80SISO | Ant1    | Low    | 5210      | -28.14      | $\leq -27$ | PASS    |
|            |         | High   | 5210      | -37.47      | $\leq -27$ | PASS    |

## Test Graphs B1

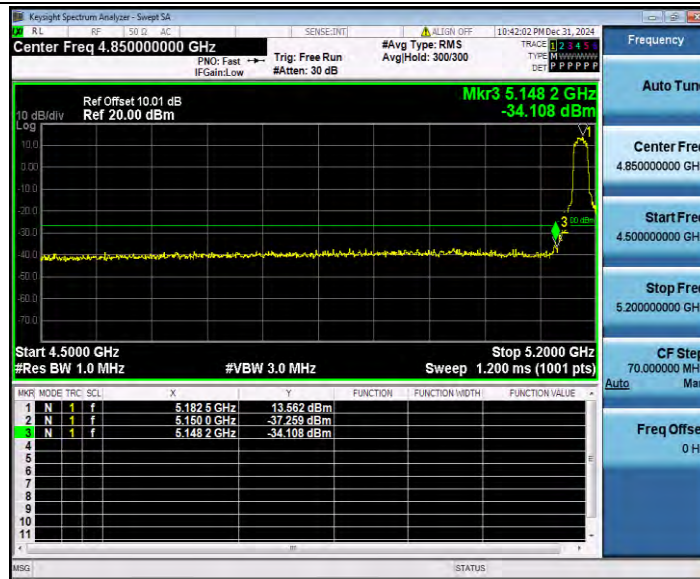
11A\_Ant1\_Low\_5180



11A\_Ant1\_High\_5240



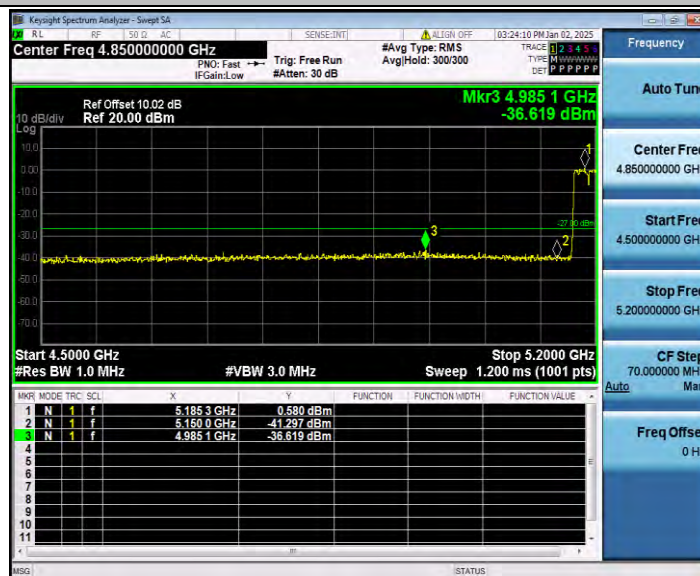
11N20SISO\_Ant1\_Low\_5180



11N20SISO\_Ant1\_High\_5240



11N40SISO\_Ant1\_Low\_5190

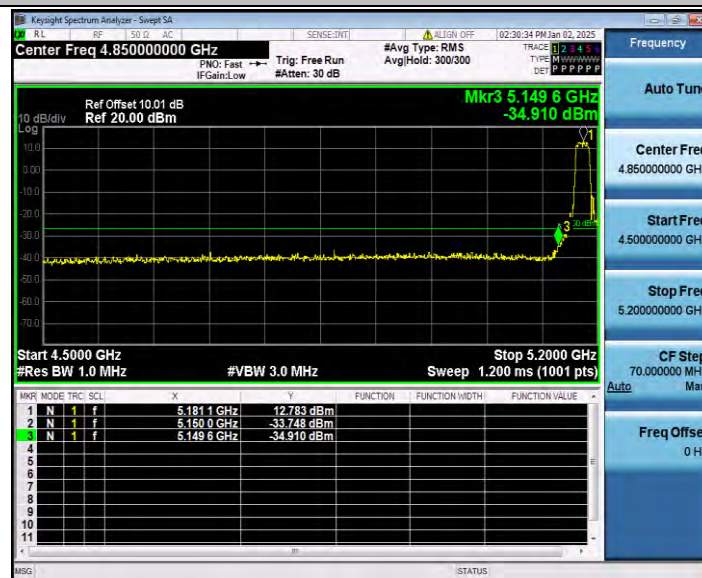




## 11N40SISO\_Ant1\_High\_5230



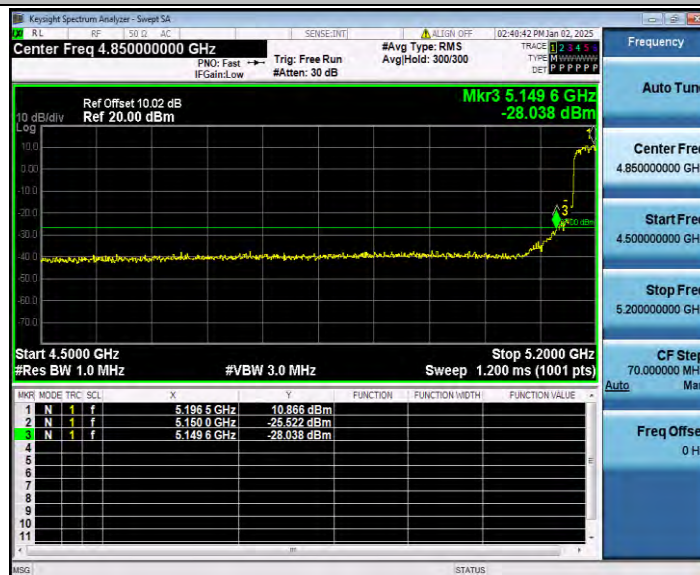
## 11AC20SISO\_Ant1\_Low\_5180



## 11AC20SISO\_Ant1\_High\_5240



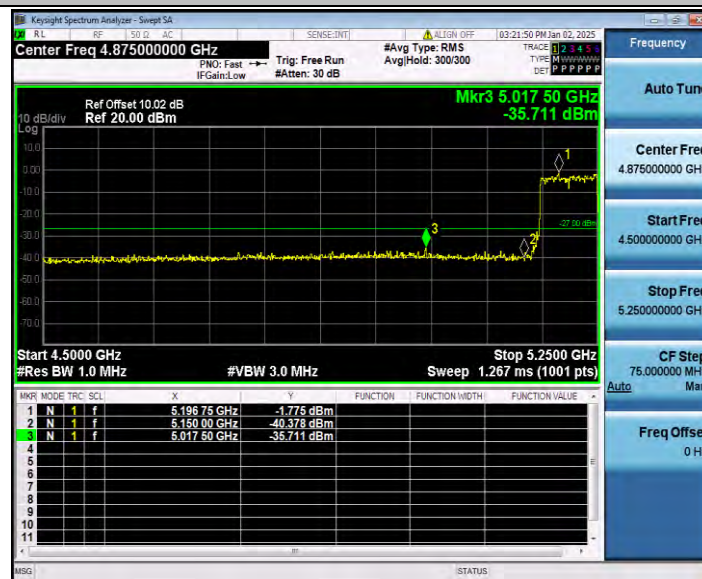
11AC40SISO\_Ant1\_Low\_5190



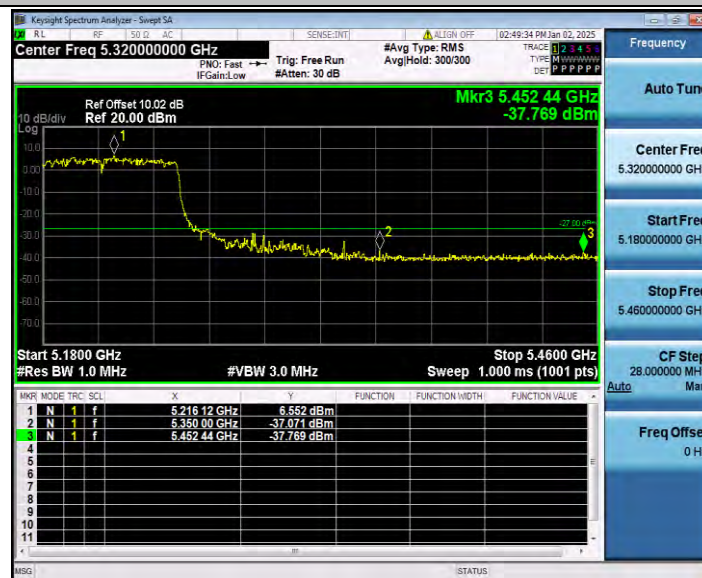
11AC40SISO\_Ant1\_High\_5230



## 11AC80SISO\_Ant1\_Low\_5210

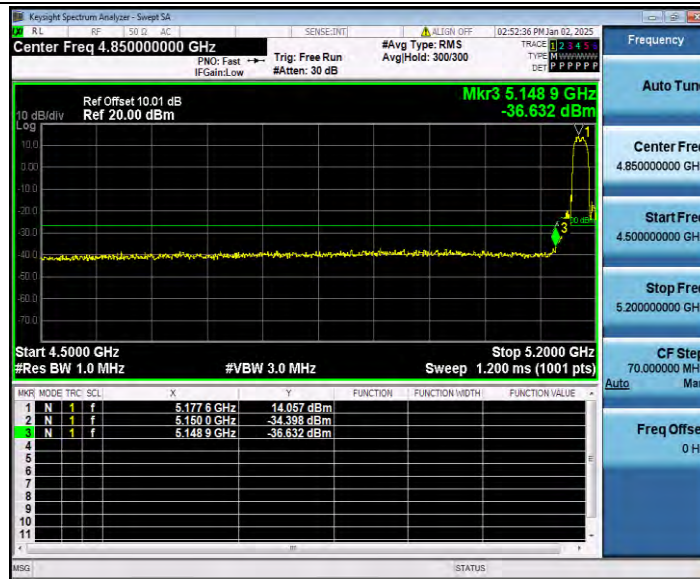


## 11AC80SISO\_Ant1\_High\_5210



## 11AX20SISO\_Ant1\_Low\_5180

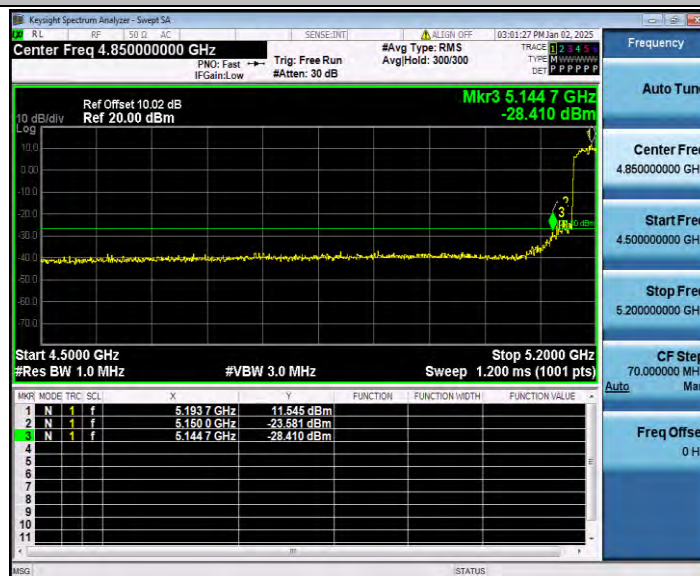




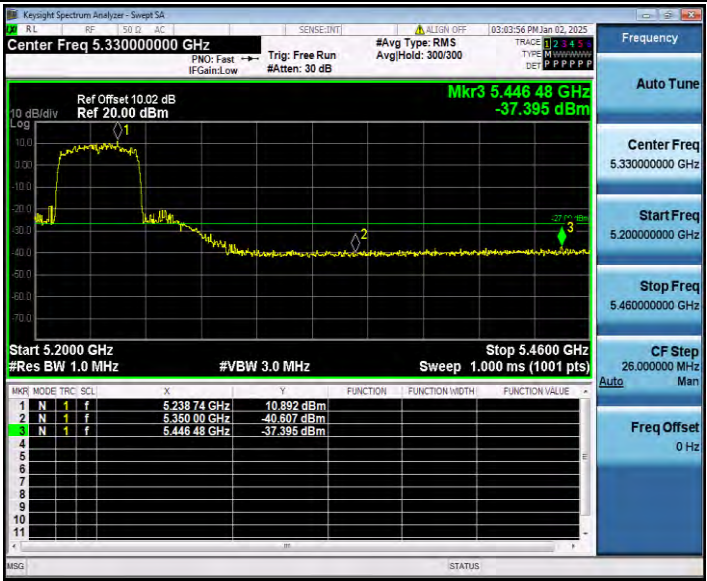
11AX20SISO\_Ant1\_High\_5240



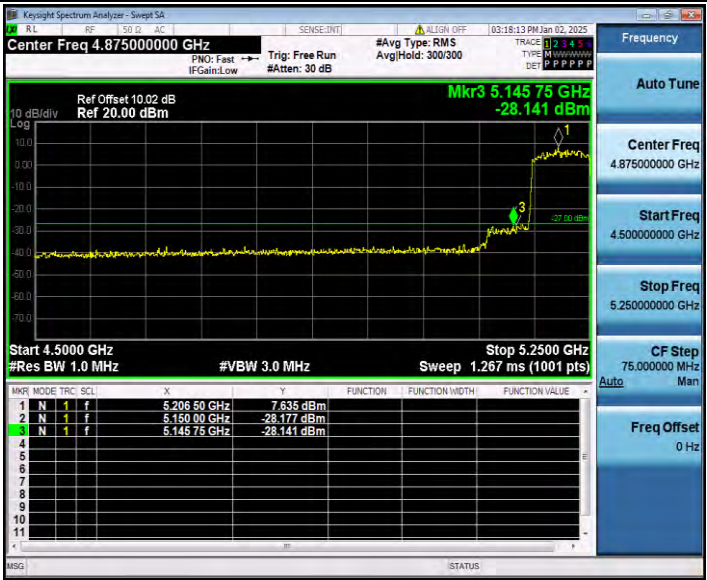
11AX40SISO\_Ant1\_Low\_5190



11AX40SISO\_Ant1\_High\_5230

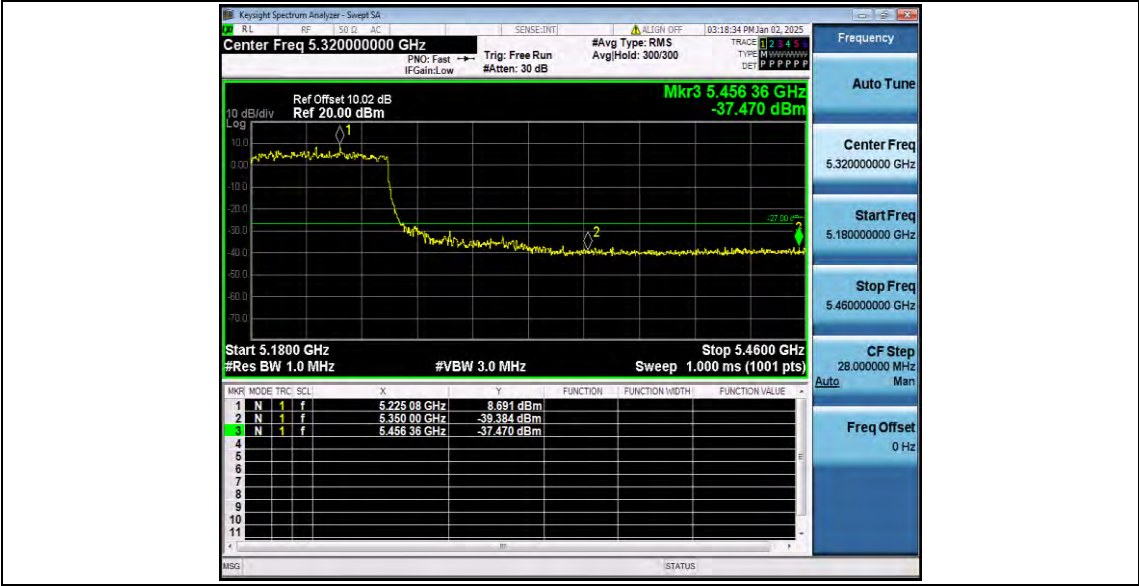


11AX80SISO\_Ant1\_Low\_5210



11AX80SISO\_Ant1\_High\_5210





## Appendix D.7: Conducted Spurious Emission

### Test Result

| TestMode   | Antenna | Freq(MHz) | FreqRange [MHz] | Max. Fre [MHz] | Max. Level [dBm] | Limit [dBm] | Verdict |
|------------|---------|-----------|-----------------|----------------|------------------|-------------|---------|
| 11A        | Ant1    | 5180      | 30~5140         | 5022.64        | -43.21           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26525.36       | -37.27           | ≤-27        | PASS    |
|            |         | 5200      | 30~5140         | 5125.01        | -43.85           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 23516.68       | -36.99           | ≤-27        | PASS    |
|            |         | 5240      | 30~5140         | 5079.19        | -43.6            | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24839.61       | -37.31           | ≤-27        | PASS    |
| 11N20SISO  | Ant1    | 5180      | 30~5140         | 5102.36        | -43.74           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24784.06       | -36.75           | ≤-27        | PASS    |
|            |         | 5200      | 30~5140         | 5042.57        | -43.46           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26079.58       | -37.29           | ≤-27        | PASS    |
|            |         | 5240      | 30~5140         | 5076.81        | -44.84           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 25143.29       | -37.81           | ≤-27        | PASS    |
| 11N40SISO  | Ant1    | 5190      | 30~5140         | 5138.3         | -29.78           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24877.12       | -36.6            | ≤-27        | PASS    |
|            |         | 5230      | 30~5140         | 5137.62        | -36.62           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26003.84       | -37.58           | ≤-27        | PASS    |
| 11AC20SISO | Ant1    | 5180      | 30~5140         | 5096.22        | -43.74           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24276.25       | -37.54           | ≤-27        | PASS    |
|            |         | 5200      | 30~5140         | 5120.92        | -44.87           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24246.67       | -37.73           | ≤-27        | PASS    |
|            |         | 5240      | 30~5140         | 5079.19        | -44.55           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 23505.86       | -37.59           | ≤-27        | PASS    |
| 11AC40SISO | Ant1    | 5190      | 30~5140         | 5140           | -32.24           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24196.9        | -37.07           | ≤-27        | PASS    |
|            |         | 5230      | 30~5140         | 5064.03        | -44.69           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24222.15       | -37.6            | ≤-27        | PASS    |
| 11AC80SISO | Ant1    | 5210      | 30~5140         | 5128.08        | -28.53           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 25252.21       | -37.7            | ≤-27        | PASS    |
| 11AX20SISO | Ant1    | 5180      | 30~5140         | 5137.27        | -39.49           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24331.07       | -37.73           | ≤-27        | PASS    |
|            |         | 5200      | 30~5140         | 5041.21        | -43.57           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24237.29       | -37.02           | ≤-27        | PASS    |
|            |         | 5240      | 30~5140         | 5082.77        | -44.96           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24844.66       | -37.55           | ≤-27        | PASS    |
| 11AX40SISO | Ant1    | 5190      | 30~5140         | 5133.19        | -34.84           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26047.84       | -37.31           | ≤-27        | PASS    |

|            |      |      |            |          |        |            |      |
|------------|------|------|------------|----------|--------|------------|------|
|            |      | 5230 | 30~5140    | 5075.78  | -45.32 | $\leq -27$ | PASS |
|            |      |      | 5360~27000 | 26986.29 | -37.63 | $\leq -27$ | PASS |
| 11AX80SISO | Ant1 | 5210 | 30~5140    | 5118.54  | -29.04 | $\leq -27$ | PASS |
|            |      |      | 5360~27000 | 26828.32 | -36.66 | $\leq -27$ | PASS |

## Test Graphs

11A\_Ant1\_5180\_30~5140



11A\_Ant1\_5180\_5360~27000



11A\_Ant1\_5200\_30~5140



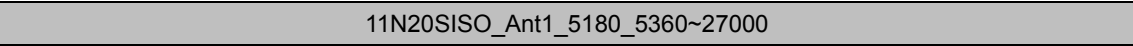
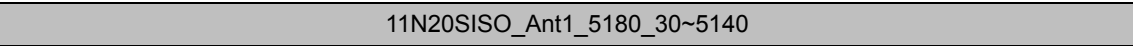
11A\_Ant1\_5200\_5360~27000

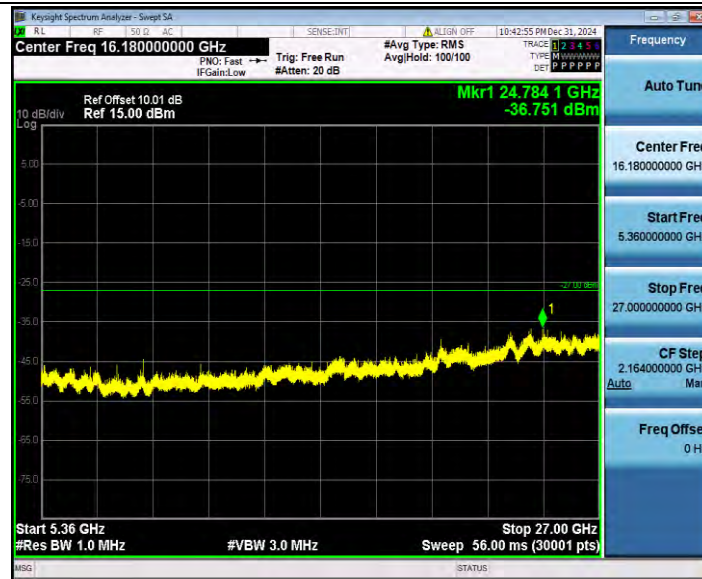


11A\_Ant1\_5240\_30~5140

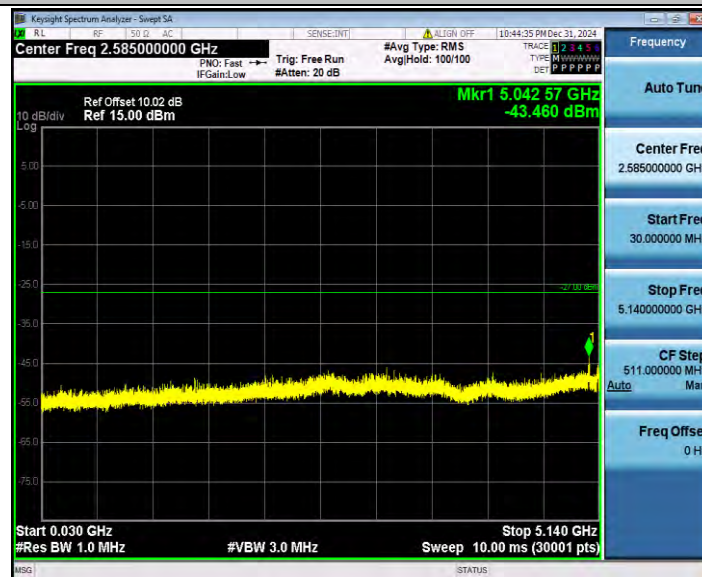








11N20SISO\_Ant1\_5200\_30~5140



11N20SISO\_Ant1\_5200\_5360~27000



## 11N20SISO\_Ant1\_5240\_30~5140



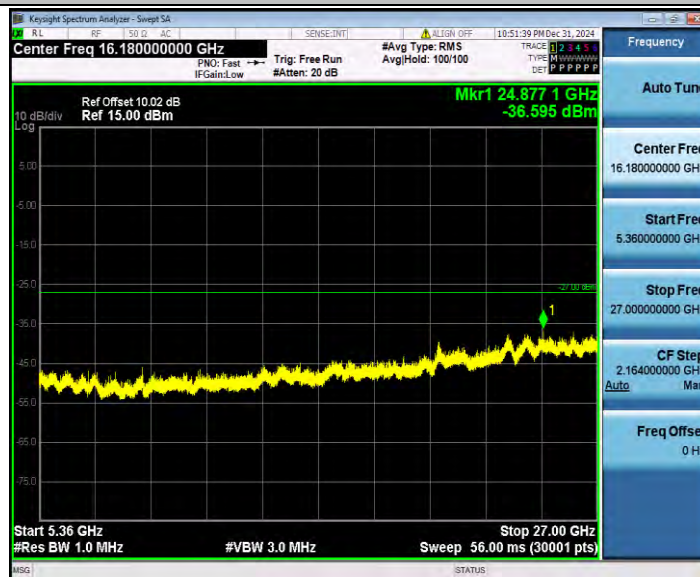
## 11N20SISO\_Ant1\_5240\_5360~27000



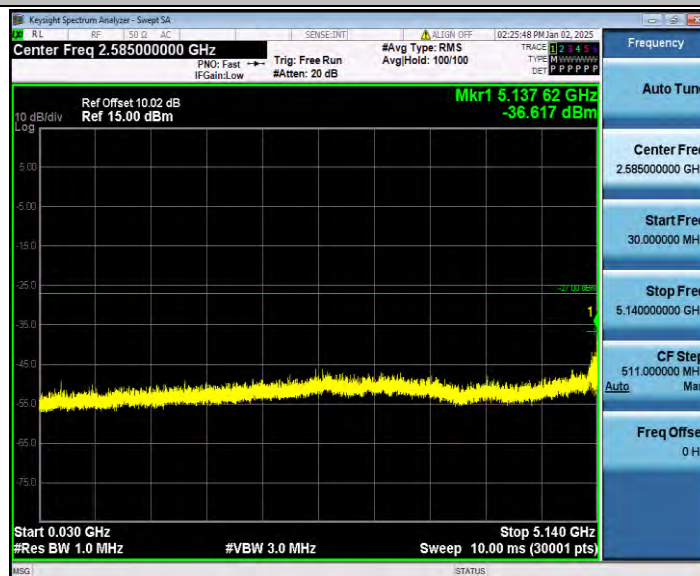
## 11N40SISO\_Ant1\_5190\_30~5140



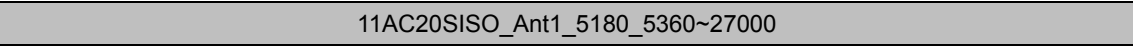
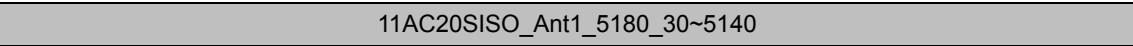
11N40SISO\_Ant1\_5190\_5360~27000



11N40SISO\_Ant1\_5230\_30~5140



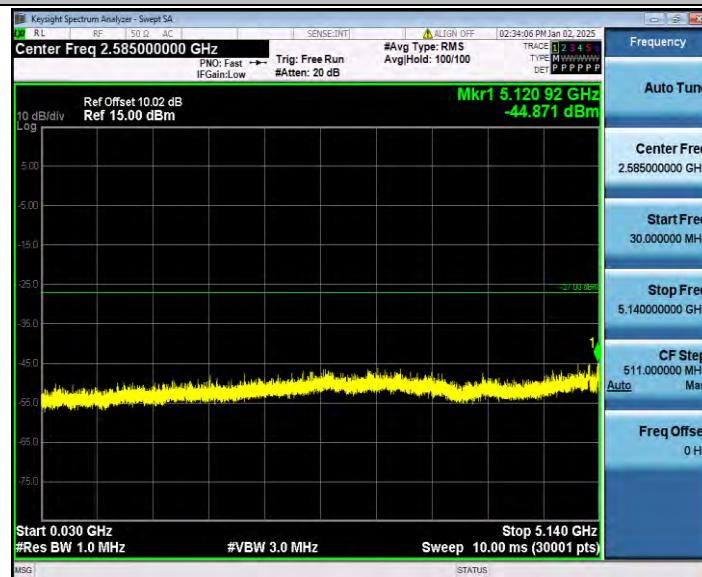




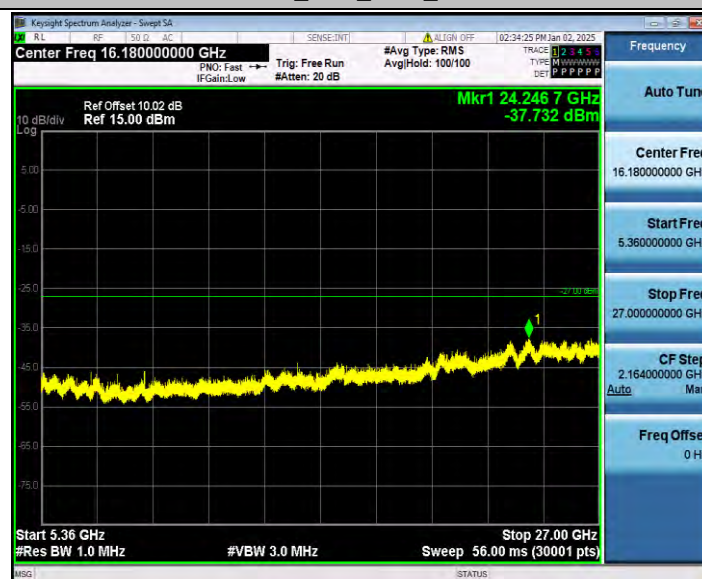




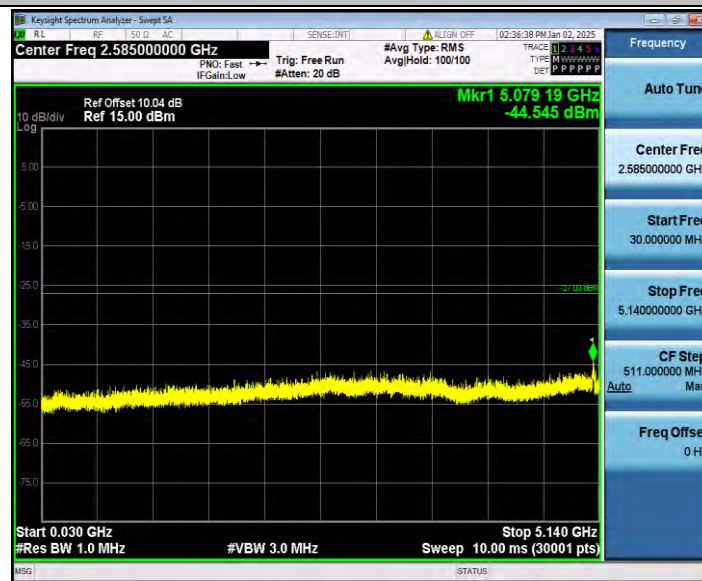
11AC20SISO\_Ant1\_5200\_30~5140



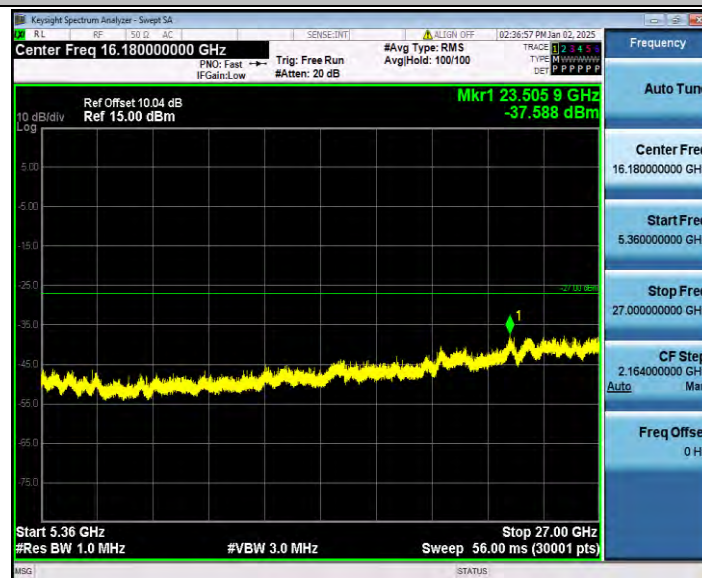
11AC20SISO\_Ant1\_5200\_5360~27000



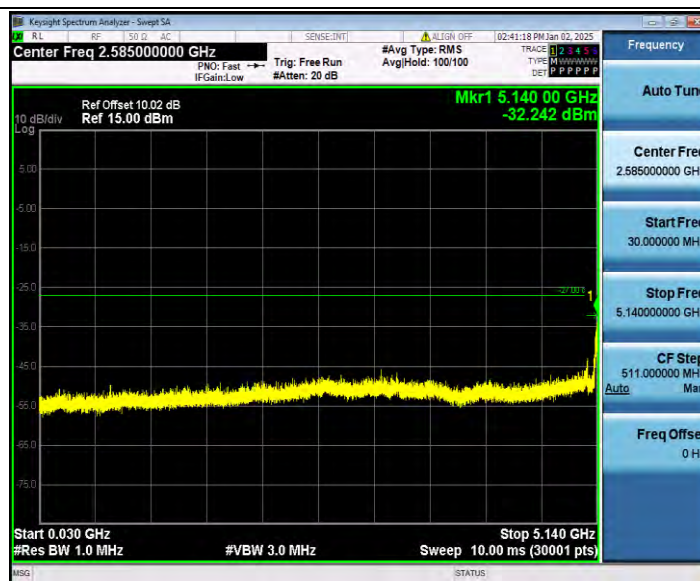
## 11AC20SISO\_Ant1\_5240\_30~5140



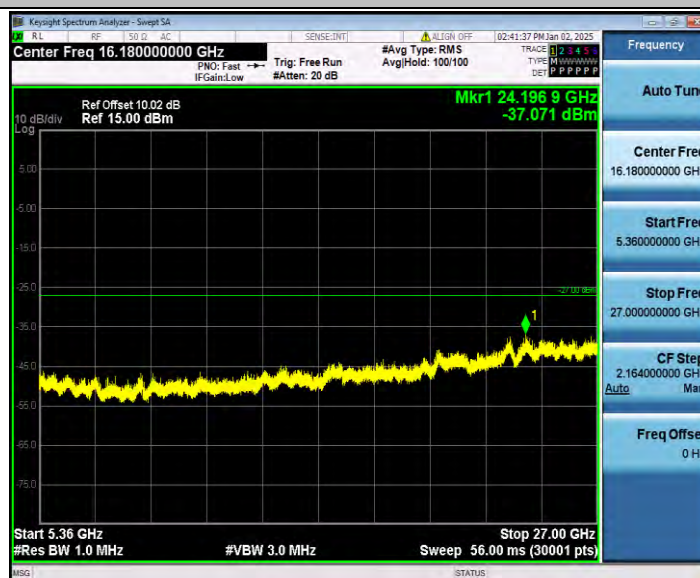
## 11AC20SISO\_Ant1\_5240\_5360~27000



## 11AC40SISO\_Ant1\_5190\_30~5140



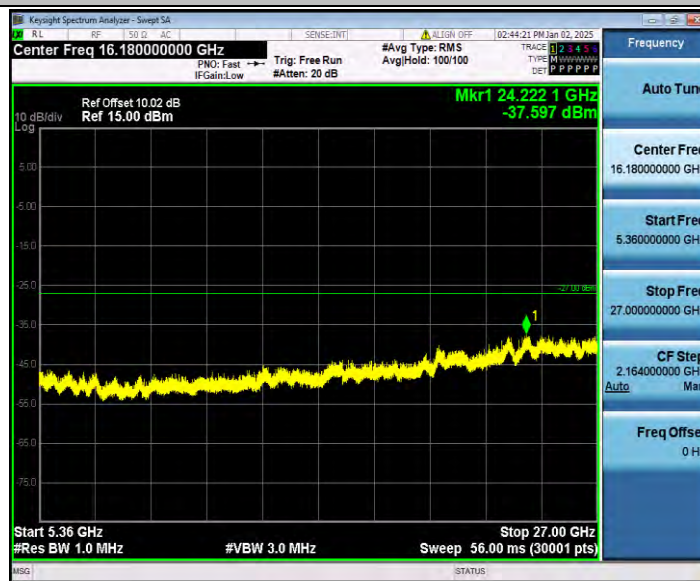
11AC40SISO\_Ant1\_5190\_5360~27000



11AC40SISO\_Ant1\_5230\_30~5140



## 11AC40SISO\_Ant1\_5230\_5360~27000

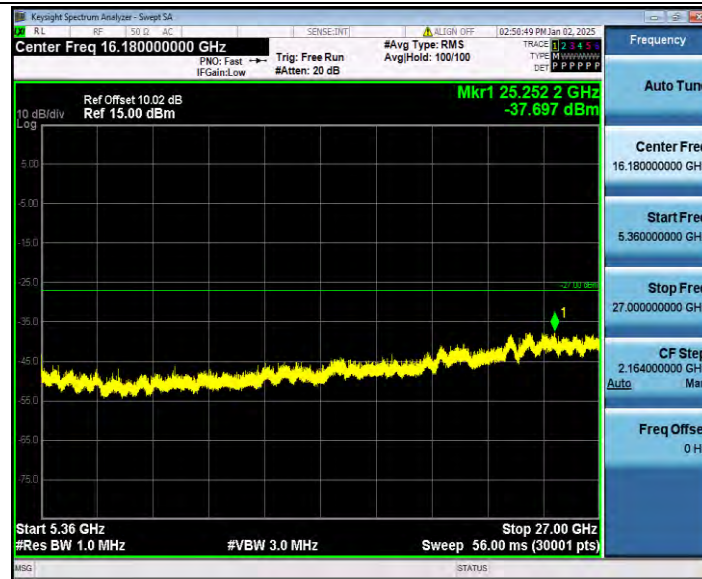


## 11AC80SISO\_Ant1\_5210\_30~5140

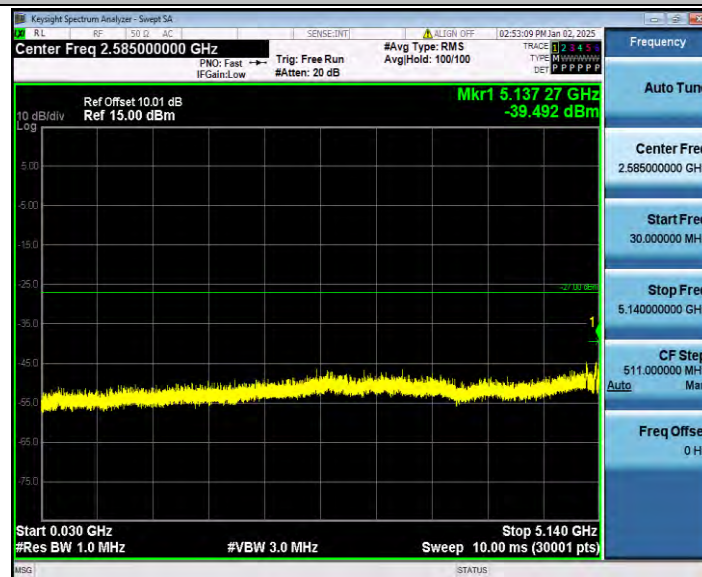


## 11AC80SISO\_Ant1\_5210\_5360~27000





11AX20SISO\_Ant1\_5180\_30~5140



11AX20SISO\_Ant1\_5180\_5360~27000

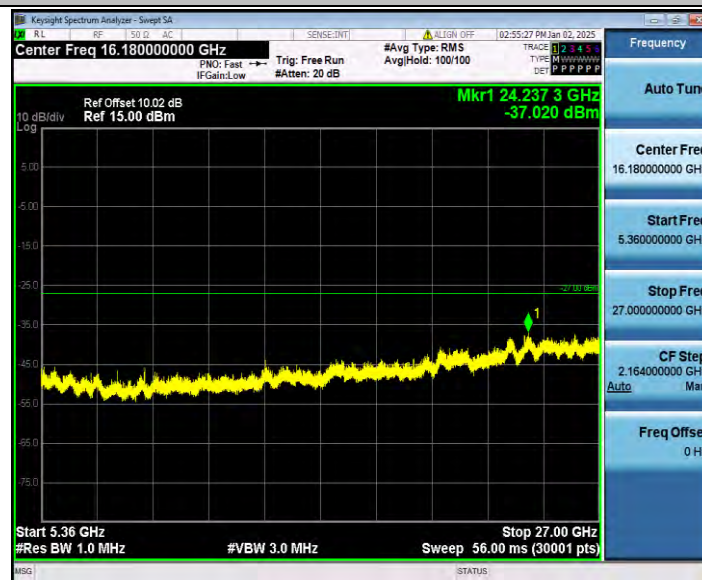




## 11AX20SISO\_Ant1\_5200\_30~5140



## 11AX20SISO\_Ant1\_5200\_5360~27000



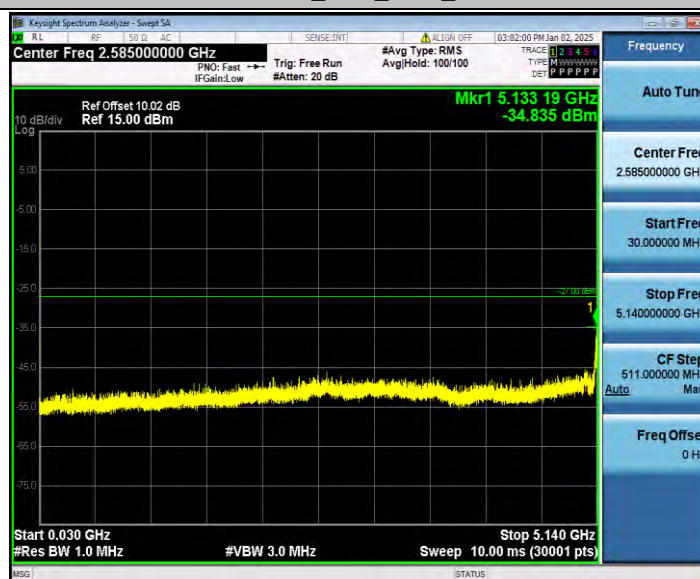
## 11AX20SISO\_Ant1\_5240\_30~5140

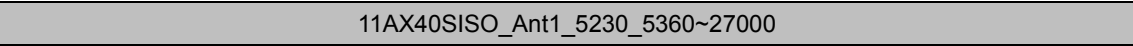
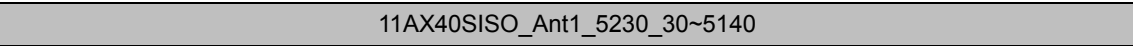


11AX20SISO\_Ant1\_5240\_5360~27000



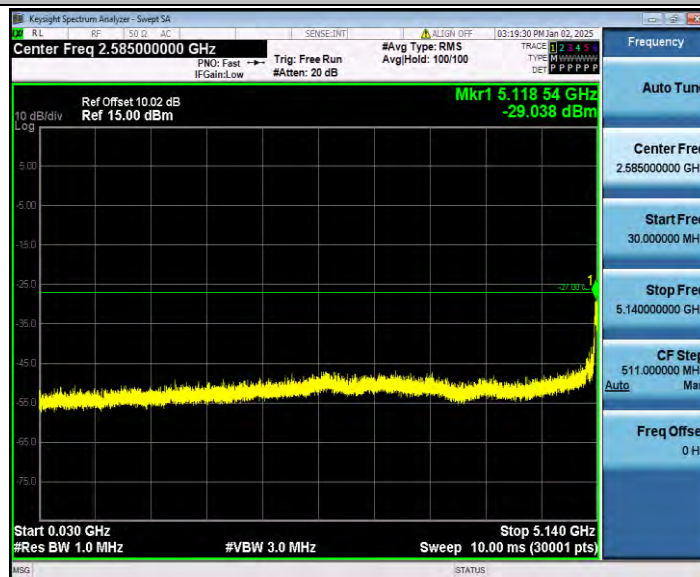
11AX40SISO\_Ant1\_5190\_30~5140







11AX80SISO\_Ant1\_5210\_30~5140



11AX80SISO\_Ant1\_5210\_5360~27000

